



MANIPULATIVE PERFORMANCE TEST

Procedures Handbook 4300

POWER TOOLS

TOPIC/EQUIPMENT: START A CHAIN SAW - BETWEEN THE LEGS METHOD

CATEGORY: Level II

POINTS POSSIBLE: 100

TIME ALLOWED: Not a timed performance exam

BEHAVIORAL OBJECTIVE:

Condition: A chain saw, chain saw chaps (wildland operations), appropriate material to cut, and appropriate personal protective equipment per CAL FIRE policy

Behavior: The student will demonstrate how to operate a chain saw while wearing appropriate personal protective equipment

Standard: Complete all operations according to the job breakdown

MATERIALS NEEDED:

- Job breakdown
- One (1) red pen
- One (1) clipboard
- One Scoresheet per student
- Chain saw – working and maintained
- Chain saw chaps (wildland operations)
- Appropriate personal protective equipment
- Dolmar with proper fuel mix, bar oil, srench, and extra chains

PROCEDURES: The examination and time will start when the student either verbally or by conduct performs any step of the performance examination.

SCORING: Points will be deducted for each step omitted, performed improperly, or performed out of sequence. Steps designated by pass/fail must be performed or the student fails the examination. A score of zero (0) will be given if, during the examination, the student performs any step or procedure that would jeopardize the safety of personnel or damage equipment.



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SPECIAL NOTES:

Before the examination begins the student will be allowed to ask any clarifying questions and inspect the equipment. The student will be wearing full wildland firefighting personal protective clothing including saw chaps if exam performed during wildland chainsaw cutting operations.

Once the examination begins, the exam proctor shall not answer any questions or intercede in any way, unless safety violations occur that would injure personnel or damage equipment.

Examination shall take place in flat topography with stable footing.

Score Sheet

START A CHAIN SAW – BETWEEN THE
LEGS METHOD

DATE ____ / ____ / ____ TEST # ____ RETEST # ____ UNIT # ____

STUDENT'S NAME _____

EVALUATOR'S NAME _____

STEPS AND PROCEDURES

TIME STARTS

POINTS

- | | |
|--|------------------|
| 1. Push chain brake lever | <u>Pass/Fail</u> |
| a. Forward | |
| b. Engaging brake | |
| 2. Grasp handle bar | <u>Pass/Fail</u> |
| a. Firmly | |
| b. With left hand | |
| c. Thumb wrapped around handlebar | |
| 3. Place saw | <u>Pass/Fail</u> |
| a. Clear of bystanders | |
| b. Pistol grip between legs mid thigh | |
| 4. Move stop switch to “ ON ”: position | <u>10</u> |
| a. With right hand | |

Score Sheet

START A CHAIN SAW – BETWEEN THE LEGS METHOD

5. Engage choke	<u>10</u>
a. With right hand	
6. Set throttle latch	<u>10</u>
a. To “ On ” position	
7. Grasp starter rope handle	<u>2</u>
a. Firmly	
8. Engage starter rope	<u>2</u>
a. Pull	
b. Until starter mechanism engages	
9. Pull starter rope	<u>10</u>
a. Short, sharp pulls	
10. Hold starter handle	<u>Pass/Fail</u>
a. As the rope retracts	
b. Until engine fires (pops)	
c. <u>Never drop start the saw</u>	
11. Disengage choke	<u>10</u>
a. Move lever or switch	<u> </u>

Score Sheet

START A CHAIN SAW – BETWEEN THE LEGS METHOD

12. Pull starter rope

10

- a. Short, sharp pulls
- b. Until engine starts

13. Grip saw

Pass/Fail

- a. Firmly
- b. With both hands
- c. Thumbs and fingers encircling the handles

14. Pull chain brake lever

Pass/Fail

- a. Back
- b. Until brake is free

15. Throttle engine

10

- a. Briefly
- b. Finger on the throttle trigger

16. Release throttle trigger

10

- a. Returning engine to idle

17. Observe chain

10

- a. For movement
- b. Should be no chain movement at idle

4311.6

Score Sheet

START A CHAIN SAW – BETWEEN THE
LEGS METHOD

18. Push chain brake lever Pass/Fail

- a. Forward
- b. Engaging brake

19. Check chain brake Pass/Fail

- a. Finger on throttle
- b. Checking chain for no movement

20. Check throttle trigger lockout 2

- a. For obstacles
- b. For proper functioning
- c. For free movement

21. Warm up saw 4

- a. To manufacture's specifications

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE

4311.6

Score Sheet

START A CHAIN SAW – BETWEEN THE
LEGS METHOD

COMMENTS:
